GETTING STARTED!

We have found from experience that even though we provide instructions for Coomber equipment, they are rarely at hand when needed. This is especially true in schools where equipment is used by different people and in different rooms.

A Reference Manual for this model is available for download from our website at **www.coomber.co.uk** (see **Product Support** and **Operating Instructions**). Software upgrades, if developed, will be available free from our site under Product Support.

With this consideration in mind, our "Real Time" CD Recorders have been designed for simplicity.

This quick start guide will help you get going, though we feel that the best way to learn how to use the equipment is to just fiddle with it!

1 WHAT CDs CAN I PLAY

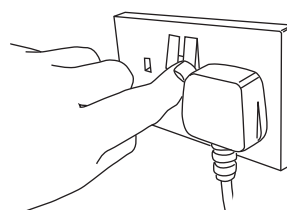The 6100 series plays **audio CDs CD-Rs** and **CD-RW** discs.
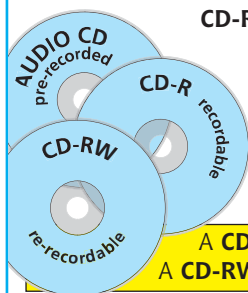
It will also play **MP3** files stored on a **CD** or **USB flash drive**.

AUDIO CD pre-recorded
CD-R recordable
CD-RW re-recordable

A **CD-R** is a recordable CD.
A **CD-RW** is a recordable and erasable CD.

2 SWITCHING ON

Plug the **CD Recorder** into a wall socket and switch the socket on.
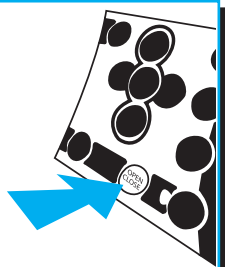
The CD Recorder will start up automatically.

On startup, the CD recorder will detect whether a CD has been left in the drive or not.

3 INSERTING A CD

Press OPEN CLOSE on the keypad to open the CD tray.

Press OPEN CLOSE again or push the tray lightly to make it close.

THIS WAY UP

You can also use the CD drive button to open or close the tray. Neither button works in play or record mode!

4 PLAYING CDs
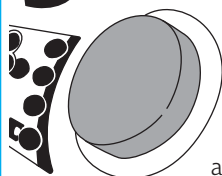
Press PLAY PAUSE to **play** the CD.

Press PLAY PAUSE again to **pause** the CD.

Press STOP to **stop** the CD.

Press OPEN CLOSE to **eject** the CD.

5 THE ROTARY CONTROL

The **rotary control** adjusts the volume. Volume settings show up in the display.

Press SPEED or TONE BALANCE buttons and adjust them with the rotary control.

TIP: press the key a second time or leave the rotary control for a few seconds to re-enable volume adjustment.

6 GETTING AROUND

Press ◄◄ or ►►► keys to go **back-wards** or **forwards** through the tracks.

Press CUE key and twist rotary control to **scan** back or forth across a track -allowing you to **cue** up any section.

Press CUE to cancel the cue mode.

TIP: Use CUE in PAUSE mode for greater playback control.

ON STANDBY

You can switch the unit into standby mode (where it powers down and consumes minimal electricity) by pressing the green ON/STANDBY switch. **Remember though, that it is still connected to the mains power supply and the red LED gives an indication of this.**
For safety always unplug the unit from the wall overnight or if not in use for long periods!

RECORDING

You can record to **CD-R/RW** or **USB flash drive** from microphone, cassette or external sources*
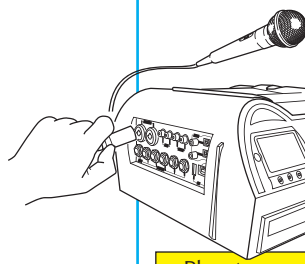
USB flash drive
audio

CD-R, CD-RW
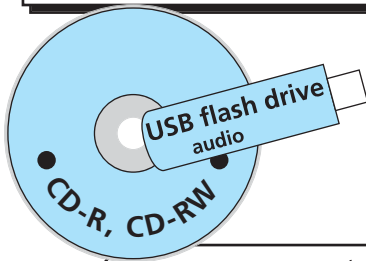
You can record on a CD-R once only.
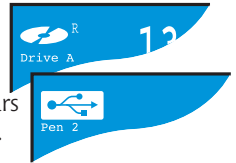You can record **and erase** a CD-RW many times.

* 90 minute recordable CDs are not compatible with our 'Real Time' CD Recorders.

1 GET READY TO RECORD

Insert a blank **CD** or connect a **USB flash drive**.

Press the [DRIVE] until the desired media appears on the screen (shown right).

Drive A **1 2** R
Pen 2

Connect a microphone into either mic socket - or record from a Hi-fi, mixer or PA etc, using the line in or digital sockets.

Phantom power may be enabled via the menu:- **Record options>Microphone settings>Turn phantom power on**. To record from a digital source, you must first select **Record options > Record from digital input** from the menu.

2 START RECORDING

Press the [RECORD] key.

You are now recording direct to the chosen media!

Press [PLAY PAUSE] to **pause** recording.

Press [STOP] to **stop** recording.

3 STOP RECORDING

Once you press the [STOP] key, you have made a CD track.

Press [PLAY PAUSE] to **play** the track.

Press [RECORD] to **record** a new track.

4 WHAT NEXT?

Once you have finished recording you can remove the **CD** from the tray or the **USB flash drive** from the socket.

IMPORTANT WARNING:
NEVER REMOVE A USB FLASH DRIVE WHILE RECORDING OR ERASING. IT WILL CAUSE LOSS OF INFORMATION AND MAY DAMAGE THE DRIVE! ALSO: ENSURE THAT THE FLASH DRIVE IS NOT "WRITE PROTECTED" WHEN RECORDING!

5 FIX OR EJECT?

When you eject a recordable CD using the [OPEN CLOSE] key you'll be asked if you want to **fix** or **eject** it.

Use the appropriate menu key (arrowed) to select your choice or press the [OPEN CLOSE] key again.

⚠ Unfixed Disc
This disc is not fixed and will not play in all CD players.
Fix   Eject

Note: You will not be offered this choice if you eject a CD using the drive door button!

6 IF YOU DON'T FIX A CD...

...you can record more tracks at a later date...

but you can't play it on other CD players - you'll only be able to play it on a Coomber 'Real Time' CD Recorder until you fix it.

7 IF YOU DO FIX A CD...

...you can't add further tracks to it, but you can play it on most* CD players!

*Note: CDs are read with a laser. Some players don't have lasers powerful enough to read CD-R or CD-RW discs.

CD-RW discs can be erased. If you do fix a CD-RW you can erase it at a later date. We have included an erase feature in the menu should you wish to use it. **Erasing a CD-RW will mean that all information on the disc will be lost.**

⚠ **Important Note** Always use good quality media for recording purposes (such as TDK, Sony or Verbatim). Cheap media have a high failure rate and may lead to users losing (or failing to successfully complete) valuable recordings.

This equipment was developed and tested using high quality media. We do not accept any liability for recording failure caused by the use of poor quality, scratched or dirty CDs or low quality USB flash drives. ⚠

PLAYING MP3 FILES
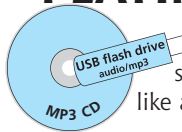
Play, select tracks, stop and eject **MP3 CDs** like an ordinary CD.

Play MP3 or audio from a **USB flash drive** by locating and selecting the file to be played.

Audio/MP3 files and folders play in order of placement on a flash drive. A selected track (file) will play, followed by the next in the list. When all files have been played the next folder is opened and played.

Insert the flash drive into the slot.

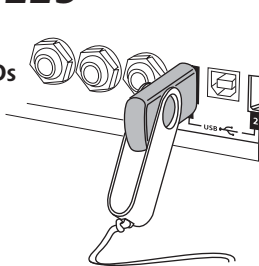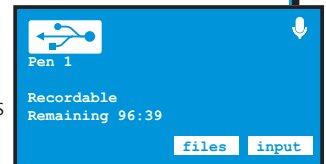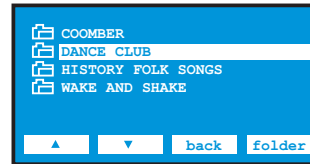Press **DRIVE** until the display shows "Pen 1" and the USB logo.

Pen 1
Recordable
Remaining 96:39
files   input

Select **files** to show the contents of the drive.

COOMBER
DANCE CLUB
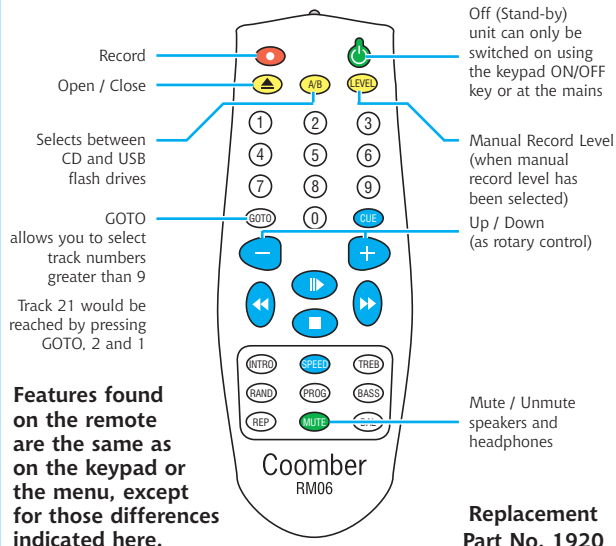HISTORY FOLK SONGS
WAKE AND SHAKE

▲   ▼   back   folder

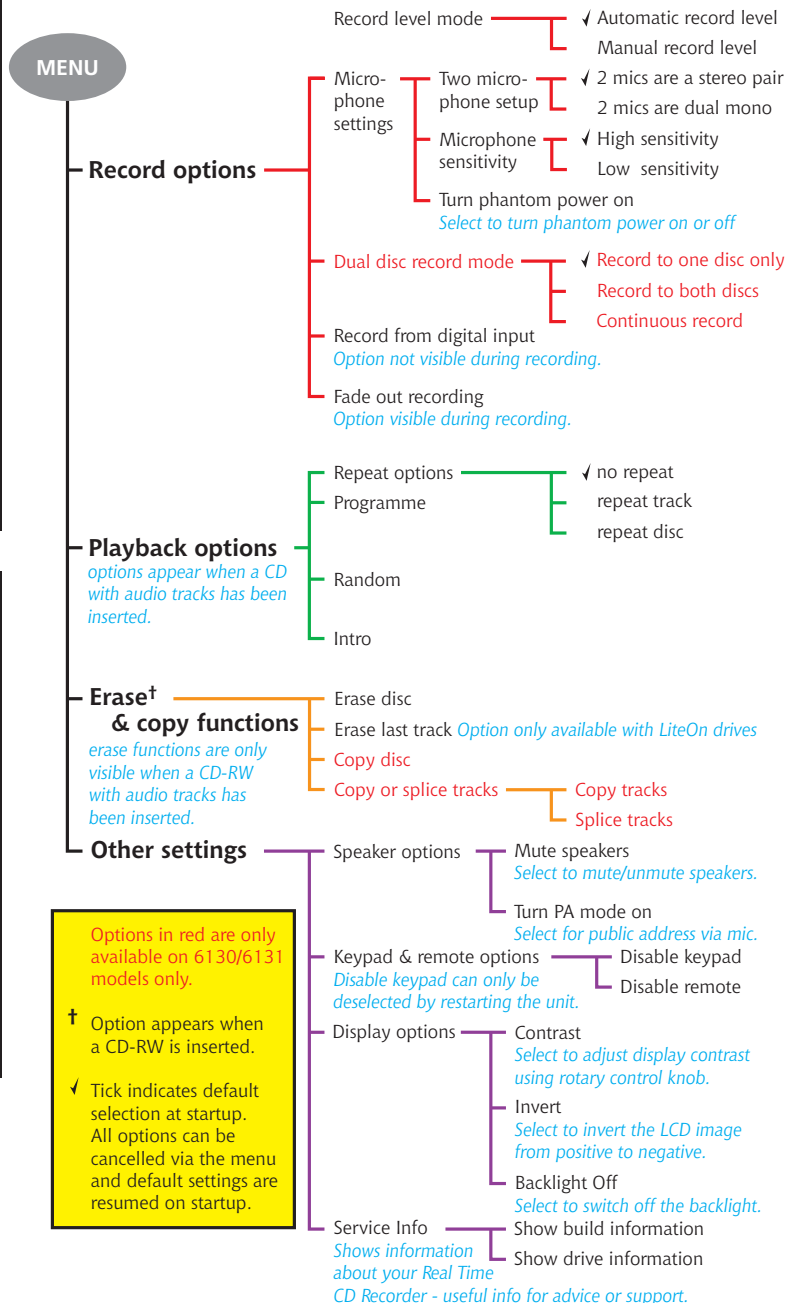*Use the soft keys below the screen to navigate through the folders and individual tracks.*

Press folder to display the contents of the highlighted item.

Press **PLAY PAUSE** to listen to your selection.

REMOTE CONTROL UNIT

Record
Open / Close

Selects between CD and USB flash drives

GOTO allows you to select track numbers greater than 9

Track 21 would be reached by pressing GOTO, 2 and 1

Features found on the remote are the same as on the keypad or the menu, except for those differences indicated here.

Off (Stand-by) unit can only be switched on using the keypad ON/OFF key or at the mains

Manual Record Level (when manual record level has been selected)

Up / Down (as rotary control)

Mute / Unmute speakers and headphones

A/B   LEVEL
1 2 3
4 5 6
7 8 9
GOTO 0 CUE
INTRO SPEED TREB
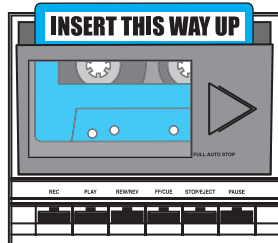RAND PROG BASS
REP MUTE

Coomber
RM06

Replacement Part No. 1920

THE CASSETTE DECK 6121 & 6131 only

Use the cassette deck to:-
• Record from CD, external source or mic
• Record cassette to CD
• Record CD to cassette
• Play cassettes

INSERT THIS WAY UP

FULL AUTO STOP

REC   PLAY   REWREV   FF/CUE   STOP/EJECT   PAUSE

To prevent damage to the cassette heads and door, please ensure that the cassette is loaded as shown.

The software recognises when a cassette is playing or recording. Information will appear on the screen indicating activities being undertaken by the tape deck.
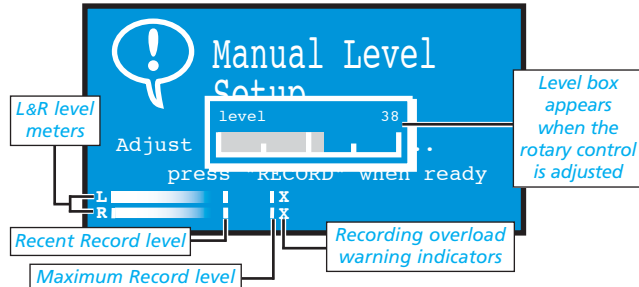

MENU

— Record options —

Record level mode
  √ Automatic record level
  Manual record level

Micro-phone settings
  Two micro-phone setup
    √ 2 mics are a stereo pair
    2 mics are dual mono
  Microphone sensitivity
    √ High sensitivity
    Low sensitivity
  Turn phantom power on
    Select to turn phantom power on or off

Dual disc record mode
  √ Record to one disc only
  Record to both discs
  Continuous record

Record from digital input
  Option not visible during recording.

Fade out recording
  Option visible during recording.

— Playback options —
options appear when a CD with audio tracks has been inserted.

Repeat options
  √ no repeat
  repeat track
  repeat disc
Programme

Random

Intro

— Erase†
  & copy functions
erase functions are only visible when a CD-RW with audio tracks has been inserted.

Erase disc

Erase last track *Option only available with LiteOn drives*

Copy disc

Copy or splice tracks
  Copy tracks
  Splice tracks

— Other settings

Speaker options
  Mute speakers
    Select to mute/unmute speakers.
  Turn PA mode on
    Select for public address via mic.

Keypad & remote options
  Disable keypad
  Disable remote
  Disable keypad can only be deselected by restarting the unit.

Display options
  Contrast
    Select to adjust display contrast using rotary control knob.
  Invert
    Select to invert the LCD image from positive to negative.
  Backlight Off
    Select to switch off the backlight.

Service Info
  Show build information
  Show drive information
  Shows information about your Real Time CD Recorder - useful info for advice or support.

Options in red are only available on 6130/6131 models only.

† Option appears when a CD-RW is inserted.

√ Tick indicates default selection at startup. All options can be cancelled via the menu and default settings are resumed on startup.

RECORD OPTIONS

Record level mode

Automatic record level: Sound is monitored and record level adjusted automatically for a reasonable result. (Default setting.)

Manual record level: User sets record level for optimum result.

1. Select "Manual record level" from the menu.
2. Connect external mic(s) if required. Press RECORD.

L&R level meters

Level box appears when the rotary control is adjusted

Manual Level Setup

Adjust

press RECORD when ready

level   38

Recent Record level

Maximum Record level

Recording overload warning indicators

3. The record levels can be adjusted using the rotary control. *Note: speakers are switched off while a mic recording is in progress, but on when line inputs are being used. The volume level adjusts with the record level.*
4. Once set, press RECORD again and recording begins.

   Note: Levels can be adjusted during recording by selecting the LEVEL menu soft key and using the rotary controller.

Microphone Settings

Two microphone setup

2 mics are dual mono: Recording will be in mono regardless of whether one or two mics are being used.

2 mics are a stereo pair: One mic records to the left channel, the the other records to the right channel. (Default setting.)

Microphone Sensitivity

High sensitivity: Ideal for most conditions including quiet recordings. (Default setting.)

Low sensitivity: Select if recordings are overloaded or distorted.

Turn phantom power on

Some microphones require an external 48V power source known as "phantom power". This can be supplied via the XLR microphone sockets. The default setting is OFF.

Once selected, phantom power remains on until deselected or the unit is switched off.

Record from digital input

Allows recording via the coaxial or optical digital connectors.
Option not visible in record mode.

Fade out recording

Recording ends with 5 second fade out when STOP is pressed.
Option only visible during recording.

Coomber Electronic Equipment Ltd.

Brindley Road, Warndon, Worcester, WR4 9FB, U.K.
Tel: 0044 (0)1905 342070   web: www.coomber.co.uk
Fax: 0044 (0)1905 759170   e-mail: sales@coomber.co.uk
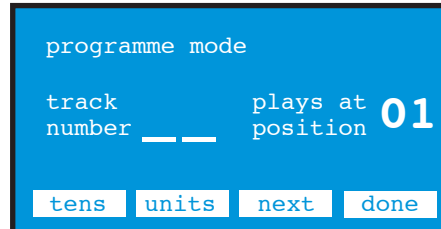
PLAYBACK OPTIONS

Repeat options

No repeat: play a CD once only (default).
Repeat track: select and continually play one track.
Repeat disc: play entire CD continuously.

Programme

Choose the order of tracks playing from CD.

programme mode

track number ___

plays at position 01

tens   units   next   done

On selection the programme screen appears. Use the "tens" or "units" keys to select the number of your first track.

Press NEXT to add the next track and so on. When ready, press DONE. Press PLAY to hear the selected programme.

Random mode

Plays all tracks on CD in a random fashion.

Intro mode

Plays five seconds of each CD track.

**Note: All options can be cancelled via the menu.
Default settings are resumed on startup.**

SAFETY AND GENERAL INFORMATION

Class 1 laser product: Warning - This equipment is fitted with a LASER diode which can harm the eyes. Do not attempt to disassemble the casing or use any part of the contents for any purpose other than its intended use. This equipment is a CLASS 1 Laser Product - which means that it presents no danger if used as intended (i.e. to play or record CDs).

Headphones: For personal safety and listener comfort turn volume down and connect headphones into the equipment **before** placing them over ears. For safety use only 600 ohm headphones (i.e Coomber type 1929).

Environments: The equipment should not be exposed to dust, moisture, water, chlorine and other corrosive substances in normal use or during storage. It will cause damage to this equipment.

Swimming pool atmospheres: are very hostile to all electro-mechanical equipment (e.g. steel rusts and rubber perishes). Equipment returned for repairs showing evidence of use in adverse environments may, at our discretion, be charged for (even during the 12 month warranty period).

- Do not cover the ventilation openings with any items (e.g. newspaper, fabrics etc.)
- Naked flames, such as lighted candles, should not be placed on or near the apparatus.
- The apparatus should not be exposed to dripping or splashing. No objects filled with liquids, such as vases, should be placed on or near the apparatus.

European Safety Standard: All Coomber equipment complies with EN60065. Any local requirements for use of this equipment should be taken into account.

Copyright and recordings: Recordings protected by copyright have copying restrictions placed upon them. If in doubt about your right to copy such material, contact the copyright holder for permission.

Class I construction:
This equipment must be EARTHED.

Mains Voltage UK & EEC: nominal 230V 50Hz
USA:110-120V 60Hz

UK & EEC Mains Cord: Line=Brown, Neutral=Blue, Earth=Yellow & Green. Fitted with either 13A UK or Semko moulded plug.

USA Mains Cord: Line=Black, Neutral=White, Earth=Green. Fitted with moulded USA plug.

Isolate from mains supply when not in use by removing the plug from the wall socket.

Mains Plug: The mains cable fitted to this equipment is already provided with a moulded plug. If another plug type is required, follow instructions from the plug manufacturer, or seek advice from a qualified person. DISPOSE OF ORIGINAL PLUG SAFELY, REMOVING ANY FUSES, where fitted. DO NOT RE-USE.

Mains Plug fuse rating: 3Amp to BS1362 (applicable in UK)

Connecting to the mains supply:
The unit must be connected to a socket outlet with a protective earthing connection.
The mains plug must be accessible at all times.

Model type and rating information is located on a label on the base of the product.

Additional Technical Information: If you require any further help or information, or if any point is not clear, then please telephone **01905 25168** quoting your model number and serial number (located on a label on the base of the product). Our Technical Department will be pleased to help you.

Note: This equipment contains no user serviceable parts and should only be disassembled and reassembled by competent qualified personnel. **Dismantling will render the warranty void.**

Electrical Safety Testing:
- Safety testing and servicing should only be carried out by competent qualified personnel.
- When undertaking an earth bond safety test, only use the externally exposed metalwork. Do not test against internal metal components found inside tape mechanisms or CD trays - THIS WILL LEAD TO IRREPARABLE INTERNAL DAMAGE.
- **The supply cable is part of a special assembly. If damaged the equipment should be returned to Coomber Electronic Equipment Limited or their agent for cable replacement.**